Network Video Recorder, 4/9/16-Channel
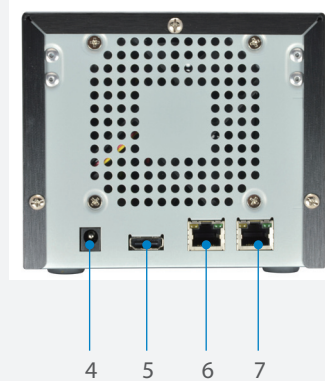
NVR-1204
NVR-1209
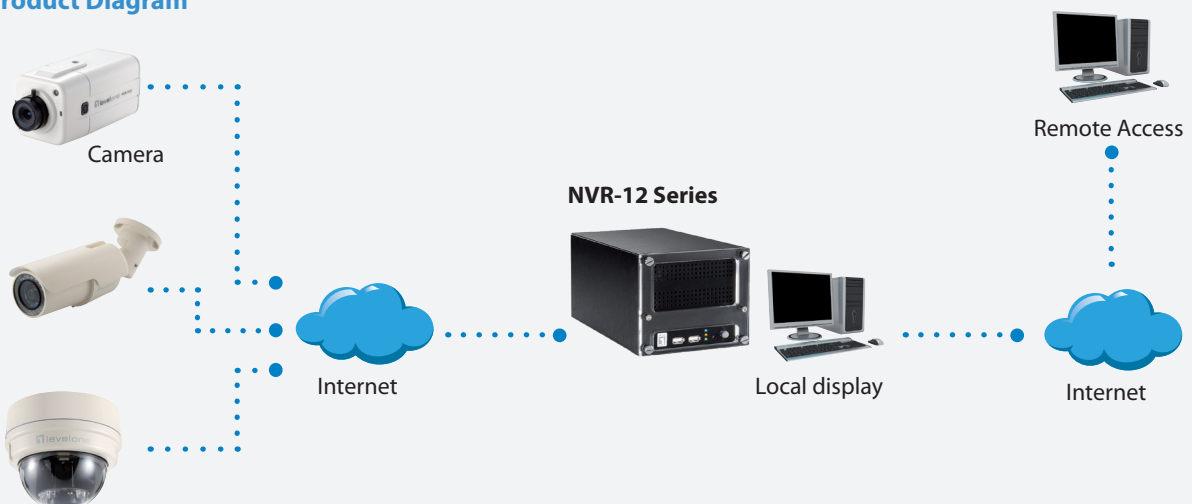NVR-1216

H/W Version: 1

Key Features

- HDMI local display – different display mode according to number of channels.
- 4channel, 9 channels, 16 channels – free bundle software –no additional licensing.
- Support H.264 Compression.
  - Video Resolution supported:
- Recording up to 10MP resolution
- Display – Up to 4-Megapixel (local display), Up to 10-Megapixel (remote display)
- Recording throughput – 30 fps per channel – 120fps, 270fps, 480 fps total per model.

- Support – scheduled recording, event recording, event speed-up recording,
- 2-bay Desktop –3.5 inch Serial ATA – support up to 8TB total.
- Live view local up to 4, 9,16 Channels, remote up to 4, 9,16 Channels
- Synchronized playback local up to 4, 9, 16 Channels
- Export snapshot, video with RAW and AVI formats
- Event trigger, response and notification
- Mobile Client, Web Client
- Multi-language support.

Front View & Rear View

1. USB 2.0 Ports
2. Reset Button
3. Power Button
4. DC 12V Power Input
5. HDMI Port
6. LAN1
7. LAN2

1   2 3   4   5   6   7

Product Diagram

Camera

Remote Access

NVR-12 Series

Internet

Local display

Internet

Technical Specification

General	NVR-1204	NVR-1209	NVR-1216
Full Name	Network Video Recorder		
Maximum Number of Clients	1 local, 2 remote		
Maximum Number of Cameras	4	9	16
Video Compression	H.264		
Audio Compression	PCM, G.711 a-law/u-law (Only support local recording and remote live view/playback, not support local live view/playback)		
Maximum Camera Resolution	Up to 4-Megapixel (local display), Up to 10-Megapixel (remote display)		
Live View			
Display Layout Mode	1,2,3,4	1,2,3,4,6,8,9	1,2,3,4,6,8,9,10,12,13,16
Layout Tour (Auto Patrol)	Automatic switch between different display layouts		
Digital Zoom	Zoom in digitally by mouse		
Event status	Display status for network/record/motion/DI/video loss upon every video region		
Dual Stream Management	Live view of stream 1 or stream 2 of dual stream devices		
PTZ			
Control	Pan, tilt and zoom controls; speed control		
Preset Points and Tours	Go/set preset points		
Number of Preset Points	32		
Joystick	USB based joystick supported		
Default Protocol	URL command		
Recording			
Scheduled Recording	Record video with user defined schedule		
Event Recording	Record video when the alarm event is triggered, including the pre-event buffered video clip		
Event Speed-up Recording	Record I frame only in normal status, and record full frames when the alarm event is triggered		
Manual Recording	Instant recording upon mouse click		
Recording Frame Rate	Max 480 fps in total; Max 30 fps per camera		
Maximum Recording Throughput	16 Mbps	36 Mbps	48 Mbps
Dual Stream Management	Recording of stream 1 or stream 2 of dual stream devices		
Storage			
Interface	Serial ATA		
Maximum HDD Capacity	4T x 2		
HDD Bay	Maximum 2 disks (options to have empty bays or one 4TB storage disk included)		
Search & Playback			
Time Based Video Search	Search video recordings by time, channel or bookmark		
Event Based Video Search	Search event triggered video recordings, event response video loss		
Playback Control	Forward and backward playback with speeds 1/2x-1x-32x; pause; stop		
Synchronized Playback	4 channels	9 channels	16 channels
Manual Snapshot	Create snapshot from playback for export		
Video Cropping	Crop a short video clip from long recording file and save it as an independent file; video clip length:(1-30mins)		
Video Export	Export video clips in AVI/RAW format		
Event Management			
Event Trigger	Video motion detection; External device through digital input; Network loss and recovery		
Event Response	Record video; Play alert beep; Activate external device through digital output; E-mail notification with snapshots; Enlarge; video loss; Go to PTZ preset point		
System			
Permission Control	Multi-group/users, liveview/playback/setup/remote level permission		
Operating System	Embedded Linux		
System Status Monitor	Real time status reports on remote browser		
Language	Multi-language support		
Remote Access			
PC Web Browser	Microsoft Internet Explorer 9, 10 or 11		
Remote Client PC System Requirement	Intel Core 2 Quad 2.66 GHz, 32/64-bit, 4GB RAM		
Mobile Client Program	Mobile device application (LevelOne Mobile Client) supports live view, PTZ control, event or time based search and playback Supported devices: iPhone, iPad, iTouch and Android device		
Hardware			
Dimensions (W x H x D)	135 mm x 121 mm x 251 mm (5.3" x 4.8" x 9.9")		
Weight	1.32 kg		
Operating Temperature	0°C~ 40°C (32°F ~ 104°F)		
Operating Humidity	10% ~ 85% RH		
Power Source / Consumption	DC 12V/ 22W		
Bundled Accessories	Warranty Card / QIG / Power Adapter (100~240V) / Mouse / Universal Converter/HDD screw x 8		
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B); Adapter: CE, FCC, UL, PSE, Efficiency Level V		
USB	USB 2.0, 2 ports (USB 1.1 not supported)		
Support Camera			
ONVIF	profile S		

Order Information

NVR-1204: Network Video Recorder, 4-Channel

NVR-1209: Network Video Recorder, 9-Channel

NVR-1216: Network Video Recorder, 16-Channel

Package Contents

Network Video Recorder (HDD NOT included)
CD Manual / Utility
Quick Installation Guide
Power cord